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# WALTER TRACEY

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## Profile

Detail-oriented Computer Science graduate with development and systems experience in various languages from school and personal projects; interested in expanding knowledge into security, systems or infrastructure, AI, game development, and other creative software tool development. Also self-taught and heavily interested in sound design and playing, recording, and mixing music of all genres.

## Experience

### Elliott Tool Technologies

#### Application Developer — March 2023-Present

- Trained in programming sourced HMIs (touchscreen, human-machine interface) and Yaskawa servomotor PLCs as part of a development project
- Identifying and prioritizing work necessary to modernize IT and its relationship to other departments
- Collaborated with Engineering lead on fully automated system for gathering and analyzing data that determines Engineering effectiveness and influences bonuses

#### Junior Application Developer — 2022-March 2023

- Work with internal customers to fix and enhance tools including their CRM, a complex ERP system, various other licensed tools, and custom standalone applications
- Full stack work using various languages such as HTML/CSS/JavaScript (React), .NET C# and VB, SQL, Python, shell scripting, as well as some IT tasks like server configuration
- Drove move to integrate proper version control usage with all projects
- Documenting a relatively large, poorly documented system
- Implementing new-to-us Agile methodology in everyday work

### GoodMedicine

#### Web Dev/Media Management; Part-time remote — 2020-2023

- Work with stakeholders, devs, and outside company reps to include new brands and maintain compliance
- Configuring and tweaking a large eCommerce WordPress site
- Finishing and posting hundreds of products for international dietary supplement brands
- Writing some Python tools to automate my workflow for things like accessibility tags on the site

### Atrium Pro Brands, Division of Nestle Health Science

#### Data Miner; Part-time remote — 2017-2019

- Studying the domain subject of nutrigenomics and the state of the art with ethics involved and what types of research will be relevant to the new supplement platform
- Integrate with science team and keep track of progress via spreadsheet
- Python web scraping for relevant articles and organizing accordingly

## Education

- Miami University, Oxford, OH — Computer Science B.S. (Honors) 2021, Magna Cum Laude
- UCHS, Liberty, IN — Core 40 Honors 2017, Class Valedictorian

## Skills

### Languages

**Proficient:** HTML/CSS/JS•Bash

**Intermediate:** C/C++•Java•Python•Nodejs•Reactjs•SQL

**Limited:** PHP•C#

### Frameworks/Tools

- MERN stack
- .NET
- Any major OS
- Godot and Unity game engines